



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
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| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/847,390         | 05/02/2001          | Ming C. Hao           | 10003407-1             |

## CONFIRMATION NO. 6484

## FORMALITIES LETTER



\*OC000000006235628\*

HEWLETT-PACKARD COMPANY  
 Intellectual Property Administration  
 P.O. Box 272400  
 Fort Collins, CO 80527-2400

Date Mailed: 06/28/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

## FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

08/23/2001 SMINASS1 00000019 082025 09847390

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 27240  
Fort Collins, Colorado 80527-2400

AA  
A3  
SECTOR  
PATENT APPLICATION  
ATTORNEY DOCKET NO. 10003407-1



Inventor(s): C. Hao et al

Confirmation No.: 6484

Application No.: 09/847390

Examiner:

Filing Date: May 02, 2001

Group Art Unit:

Title: Method And System For Web-Based Visualization Of Directed Association And Frequent Item Sets In Large Volumes Of Transaction Data

**Box MISSING PARTS**  
**COMMISSIONER FOR PATENTS**  
**Washington, D.C. 20231**

TRANSMITTAL LETTER FOR SUBMITTAL OF MISSING PARTS

Sir:

This is in response to a Notice to File Missing Parts of Application under 37 CFR 1.53(f) mailed on 6/28/01. Enclosed is a copy of said Notice and the following documents and fees to complete the filing requirements of the above-identified application.

Executed Declaration and Power of Attorney. The above-identified application is the same application which the inventor executed by signing the enclosed declaration.

Statutory basic filing fee       Utility \$710.00       Design \$320.00

Additional claim fees of \$

Missing Parts Surcharge \$130.00

A Petition for Extension of Time for reply to Notice of Missing Parts is attached.

one month \$110.00  
 two months \$390.00  
 three months \$890.00  
 four months \$1390.00

Please charge to Deposit Account **08-2025** the sum of **\$130.00**. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Ming C. Hao et al

By Thomas X Li  
Thomas X Li

Attorney/Agent for Applicant(s)  
Reg. No. **37,079**

Date: **8/20/01**

Telephone No.: (650) 857-5972

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: **8/20/01**

Typed Name: **Tiffany Turner**

Signature: Tiffany Turner